

The Commonwealth of Massachusetts.

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1915

ASSESSMENTS

FOR

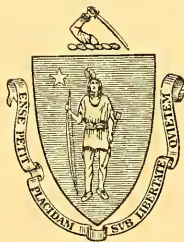
INTEREST, SINKING FUNDS, SERIAL  
BONDS, AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS.

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ISSUED BY THE  
TREASURER AND RECEIVER-GENERAL.



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1915.



# The Commonwealth of Massachusetts.

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TREASURY DEPARTMENT, Sept. 1, 1915.

Under the provisions of chapter 526 of the Acts of the year 1911 the following computations for annual assessments for interest, sinking fund, serial bond payments and maintenance for 1915, to be paid by the cities and towns comprising the various metropolitan districts, are compiled and printed as a public document and herewith submitted.

CHARLES L. BURRILL,  
*Treasurer and Receiver-General.*

*Total Assessments for Metropolitan Districts for 1915.*

CITIES AND TOWNS.	Metropolitan Water.	Metropolitan Parks and Boulevards.	Metropolitan Sewer, North and South Systems.	Charles River Basin.	Total.
Arlington, . . .	\$17,850 63	\$10,495 61	\$14,540 81N	\$1,145 20	\$44,032 25
Belmont, . . .	10,106 51	6,231 58	8,236 13N	651 57	25,225 79
Boston, . . .	1,665,006 20	686,559 79	{ 86,677 78N 223,686 57S }	193,198 09	2,855,128 43
Braintree, . . .	-	2,176 30	-	615 29	2,791 59
Brookline, . . .	-	54,264 10	92,550 90S	11,267 17	158,082 17
Cambridge, . . .	-	68,837 32	112,675 22N	42,138 63	223,651 17
Canton, . . .	-	1,550 00	-	438 66	1,988 66
Chelsea, . . .	49,742 74	15,800 17	28,934 81N	2,422 57	96,900 29
Cohasset, . . .	-	226 42	-	-	226 42
Dedham, . . .	-	7,107 72	11,116 98S	1,355 76	19,580 46
Dover, . . .	-	1,929 99	-	545 12	2,475 11
Everett, . . .	47,776 83	18,276 40	33,351 79N	2,598 04	102,003 06
Hingham, . . .	-	2,332 24	-	659 74	2,991 98
Hull, . . .	-	1,878 83	-	533 40	2,412 23
Hyde Park, . . .	- <sup>1</sup>	9,414 01	-	1,430 61	10,844 62
Lexington, . . .	8,437 21	-	4,777 67N	-	13,214 88
Lynn, . . .	-	41,211 07	-	7,043 15	48,254 22
Malden, . . .	45,702 09	29,521 59	45,145 65N	4,278 99	124,648 32
Medford, . . .	27,821 61	24,901 55	25,704 21N	2,305 61	80,732 98
Melrose, . . .	19,321 32	10,796 50	17,201 57N	1,621 29	48,940 68
Milton, . . .	16,430 78	20,936 61	22,144 92S	2,855 41	62,367 72
Nahant, . . .	5,574 45	6,894 97	-	768 54	13,237 96
Needham, . . .	-	3,163 98	-	584 88	3,748 86
Newton, . . .	6,124 92	39,055 33	61,233 44S	7,683 00	114,096 69
Quincy, . . .	50,070 54	24,606 75	30,403 10S	2,908 03	107,988 42
Reading, . . .	-	196 53	-	-	196 53
Revere, . . .	28,816 53	14,750 39	19,089 73N	1,487 92	64,144 57
Saugus, . . .	-	3,321 03	-	553 28	3,874 31
Somerville, . . .	110,781 34	41,722 21	70,682 61N	6,217 31	229,403 47
Stoneham, . . .	7,269 00	3,746 71	5,770 53N	491 29	17,277 53
Swampscott, . . .	11,858 74	5,508 61	-	1,071 53	18,438 88
Wakefield, . . .	-	5,324 22	10,878 06N	919 45	17,121 73
Waltham, . . .	-	15,150 31	26,729 75S	2,715 01	44,595 07
Watertown, . . .	19,942 86	7,992 14	15,061 15S	1,470 38	44,466 53
Wellesley, . . .	-	7,190 37	-	1,457 53	8,647 90
Weston, . . .	-	4,008 87	-	830 53	4,839 40
Westwood, . . .	-	923 76	-	260 84	1,184 60
Weymouth, . . .	-	2,792 91	-	790 76	3,583 67
Winchester, . . .	-	10,254 88	13,807 21N	1,313 64	25,375 73
Winthrop, . . .	15,695 24	6,309 92	13,863 31N	1,160 40	36,968 87
Woburn, . . .	-	6,567 43	13,034 77N	1,107 78	20,709 98
	\$2,164,329 54	\$1,223,929 12 <sup>2</sup>	\$1,007,238 67 <sup>3</sup>	\$310,896 40 <sup>4</sup>	\$4,706,393 73

N, North System.

S, South System.

<sup>1</sup> Included in Boston.<sup>2</sup> Includes \$20,525.77, special assessments for Wellington Bridge and Alewife Brook.<sup>3</sup> Includes \$5,421.89, special assessments on Everett, Malden and Revere.<sup>4</sup> Includes \$50,218.76, special assessments on Boston and Cambridge, and \$26,336.02, embankment interest on Boston.

## STATEMENT I.

## METROPOLITAN WATER DISTRICT.

*Total Water Debt, April 1, 1915.*

Gross water debt, April 1, 1915:—

Bonds outstanding (sinking fund), . . . . .	\$41,398,000 00	
Bonds outstanding (serial), . . . . .	1,096,000 00	
	<hr/>	\$42,494,000 00

an increase for the year of \$473,000.

Sinking fund, April 1, 1915, . . . . .	11,857,938 51	
	<hr/>	

an increase for the year of \$952,067.72.

Net water debt, April 1, 1915, . . . . .	\$30,636,061 49	
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a decrease for the year of \$479,067.72.

*Total Water Assessment for 1915.*

Sinking fund requirements, . . . . .	\$276,733 97	
Serial bonds, . . . . .	\$30,000 00	
Less premium, . . . . .	7,933 10	
	<hr/>	22,066 90

Interest:—

One year on \$42,004,000, . . . . .	\$1,415,900 00	
Six months on \$507,000, . . . . .	10,115 00	
Interest on advances and temporary loans, estimated, 1915, . . . . .	30,000 00	
	<hr/>	\$1,456,015 00

Less accrued interest, . . . . . \$2,885 56

Adjustment of interest charges

in 1914, . . . . . 5,224 03

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8,109 59

1,447,905 41

Maintenance as appropriated by Legislature, . . . \$460,835 00

Less balance on hand, . . . . . 43,211 74

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417,623 26

Total water assessment for 1915, . . . . . \$2,164,329 54

## METROPOLITAN WATER LOAN.

*Sinking Fund.*

BONDS ISSUED.	Due Date.	Sinking Fund Dec. 1, 1914.	Amount of Dec. 1, 1914, Sinking Fund, at Maturity of Loan, Accumu- lations reckoned at 4 Per Cent.	Balance to be sunk.	Sinking Fund Re- quirements for 1915.
\$13,000,000	July, 1935	\$4,879,057 11	\$10,988,614 53	\$2,011,385 47	\$67,265 98
4,000,000	Jan., 1938	1,269,604 11	3,157,011 88	842,988 12	22,908 96
4,000,000	July, 1939	1,097,524 43	2,896,160 37	1,103,839 63	28,099 02
10,000,000	Jan., 1941	2,351,873 90	6,586,018 69	3,413,981 31	76,610 95
3,500,000	Jan., 1942	775,099 02	2,258,221 08	1,241,778 92	26,218 39
2,000,000	Jan., 1943	391,184 75	1,185,745 62	814,254 38	16,195 57
2,000,000	Jan., 1944	354,596 38	1,118,263 77	881,736 23	16,540 56
650,000	Jan., 1945	137,074 37	449,745 22	200,254 78	3,546 77
1,350,000	Jan., 1946	202,887 17	692,572 47	657,427 53	11,004 41
398,000	Jan., 1949	38,303 16	147,246 94	250,753 06	3,561 72
500,000	Jan., 1950	36,249 05	144,980 18	355,019 82	4,781 64
\$41,398,000	—	\$11,533,453 45	\$29,624,580 75	\$11,773,419 25	\$276,733 97

*Computations for determining the Assessment for 1915. (See Chapter 488, Acts of 1895, as amended in 1901, 1904 and 1906.)*

[The proportion to be paid by each city and town is based as follows: One-third in proportion to their respective valuations for the preceding year, and the remaining two-thirds in proportion to the consumption by the cities and towns, respectively, in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.]

CITIES AND TOWNS.	Valuation April 1, 1914.	Average Daily Con- sumption (Gallons), 1914.	RATIO OF TOTALS.		Average Ratio, Double Weight to Consump- tion.
			Valuation.	Consump- tion.	
Arlington, . . . .	\$17,260,941	860,500	.008,664,257	.008,039,344	.008,247,648
Belmont, . . . .	9,388,870	497,500	.004,712,813	.004,647,965	.004,669,581
Boston, . . . .	1,549,877,900	\$1,877,800	.777,972,658	.761,955,001	.769,294,220
Chelsea, . . . .	29,244,310	2,904,400	.014,679,398	.027,134,770	.022,982,079
Everett, . . . .	31,867,350	2,688,100	.015,996,052	.025,113,957	.022,074,655
Lexington, . . . .	9,383,991	373,800	.004,710,364	.003,492,280	.003,898,308
Malden, . . . .	42,896,770	2,237,900	.021,532,351	.020,907,899	.021,116,050
Medford, . . . .	29,964,550	1,258,900	.015,040,927	.011,761,453	.012,854,611
Melrose, . . . .	18,641,955	932,500	.009,357,467	.008,712,014	.008,927,165
Milton, . . . .	32,466,279	346,700	.016,296,689	.003,239,094	.007,591,626
Nahant, . . . .	9,005,550	171,600	.004,520,402	.001,603,197	.002,575,599
Newton, <sup>1</sup> . . . .	16,913,394	—	.008,489,803	—	.002,829,034
Quincy, . . . .	41,138,240	2,609,200	.020,649,643	.024,376,822	.023,134,429
Revere, . . . .	21,838,514	1,551,000	.010,962,003	.014,490,438	.013,314,293
Somerville, . . . .	75,126,194	6,199,800	.037,710,148	.057,922,514	.051,185,059
Stonham, . . . .	5,971,937	378,800	.002,997,658	.003,538,993	.003,358,548
Swampscott, . . . .	16,367,944	440,000	.008,216,010	.004,110,763	.005,479,179
Watertown, . . . .	18,411,400	984,800	.009,244,738	.009,200,634	.009,214,335
Winthrop, . . . .	16,434,900	722,800	.008,240,619	.006,752,862	.007,251,781
	\$1,992,200,989	107,036,100	1 000,000,000	1 000,000,000	1 000,000,000

<sup>1</sup> In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.

METROPOLITAN WATER LOAN.  
*Division of Assessment for 1915.*

CITIES AND TOWNS.	Interest.	Sinking Funds.	Cost of Maintenance.	Serial Bonds.	Total Assessment.
Arlington, . . . .	\$11,941 82	\$2,282 40	\$3,444 41	\$182 00	\$17,850 63
Belmont, . . . .	6,761 11	1,292 23	1,950 13	103 04	10,106 51
Boston, . . . .	1,113,865 26	212,889 84	321,275 16	16,975 94	1,665,006 20
Chelsea, . . . .	33,277 18	6,360 17	9,598 23	507 16	49,742 74
Everett, . . . .	31,962 01	6,108 81	9,218 89	487 12	47,776 83
Lexington, . . . .	5,644 38	1,078 79	1,628 02	86 02	8,437 21
Malden, . . . .	30,574 04	5,843 53	8,818 55	465 97	45,702 09
Medford, . . . .	18,612 26	3,557 31	5,368 38	283 66	27,821 61
Melrose, . . . .	12,925 69	2,470 45	3,728 19	196 99	19,321 32
Milton, . . . .	10,991 96	2,100 86	3,170 44	167 52	16,430 78
Nahant, . . . .	3,729 22	712 76	1,075 63	56 84	5,574 45
Newton, . . . .	4,097 48	783 14	1,181 85	62 45	6,124 92
Quincy, . . . .	33,496 47	6,402 08	9,661 48	510 51	50,070 54
Revere, . . . .	19,277 84	3,684 52	5,560 36	293 81	28,816 53
Somerville, . . . .	74,111 12	14,164 65	21,376 07	1,129 50	110,781 34
Stoneham, . . . .	4,862 86	929 42	1,402 61	74 11	7,269 00
Swampscott, . . . .	7,933 33	1,516 27	2,288 23	120 91	11,858 74
Watertown, . . . .	13,341 49	2,549 92	3,848 12	203 33	19,942 86
Winthrop, . . . .	10,499 89	2,006 82	3,028 51	160 02	15,695 24
	\$1,447,905 41	\$276,733 97	\$417,623 26	\$22,066 90	\$2,164,329 54

*Comparison of Total Assessments, 1914 and 1915, with Revenue from  
Water Rates in 1914.*

CITIES AND TOWNS.	WATER ASSESSMENTS.		Water Revenue received by Cities and Towns, 1914.
	1914.	1915.	
Arlington, . . . . .	\$16,583 29	\$17,850 63	\$51,170 57
Belmont, . . . . .	9,583 11	10,106 51	30,921 23 <sup>1</sup>
Boston, . . . . .	1,676,038 11	1,665,006 20	2,953,708 45 <sup>2</sup>
Chelsea, . . . . .	50,869 84	49,742 74	119,056 62
Everett, . . . . .	45,438 12	47,776 83	112,350 78 <sup>1</sup>
Lexington, . . . . .	8,242 15	8,437 21	23,781 46
Malden, . . . . .	46,596 27	45,702 09	109,140 82 <sup>2</sup>
Medford, . . . . .	27,914 48	27,821 61	73,750 19 <sup>3</sup>
Melrose, . . . . .	22,647 92	19,321 32	46,664 85 <sup>2</sup>
Milton, . . . . .	15,894 25	16,430 78	56,756 09
Nahant, . . . . .	5,755 70	5,574 45	12,498 91 <sup>3</sup>
Newton, . . . . .	6,221 66 <sup>4</sup>	6,124 92 <sup>4</sup>	—
Quincy, . . . . .	51,469 66	50,070 54	142,320 11
Revere, . . . . .	27,021 39	28,816 53	79,746 05 <sup>3</sup>
Somerville, . . . . .	109,999 13	110,781 34	242,574 18 <sup>1</sup>
Stoneham, . . . . .	7,777 36	7,269 00	26,151 76 <sup>2</sup>
Swampscott, . . . . .	10,810 32	11,858 74	41,831 63 <sup>5</sup>
Watertown, . . . . .	18,688 47	19,942 86	71,999 33 <sup>1</sup>
Winthrop, . . . . .	15,404 73	15,695 24	54,568 15
	\$2,172,955 96	\$2,164,329 54	\$4,288,991 18

<sup>1</sup> No money received for hydrant rentals or water used for street watering.

<sup>2</sup> No money received for hydrant rentals or water used for street watering and other municipal purposes.

<sup>3</sup> No money received for hydrant rentals.

<sup>4</sup> Not taking water from the district.

<sup>5</sup> No money received for water used for street watering.

*Net Water Debt of Cities of the Original Metropolitan Water District.*

CITIES.	1914.	1915.	Decrease.
Boston, . . . . .	\$554,651 18	\$466,906 67	\$87,744 51
Somerville, . . . . .	32,000 00	26,000 00	6,000 00
Chelsea, . . . . .	134,230 00	134,230 00	—
Everett, . . . . .	59,213 71	53,176 17	6,037 54
Malden, . . . . .	42,313 02	35,936 20	6,376 82
Medford, <sup>1</sup> . . . . .	—8,025 93	—7,683 73	342 20 <sup>2</sup>
Melrose, . . . . .	82,363 91	96,442 94	14,079 03 <sup>2</sup>
	\$896,745 89	\$805,008 25	\$91,737 64

<sup>1</sup> Amount in sinking fund greater than outstanding debt.

<sup>2</sup> Increase.



## STATEMENT II.

## METROPOLITAN PARKS DISTRICT.

Gross parks debt, April 1, 1915: —

Bonds outstanding (sinking fund), . . . . .	\$9,485,000 00	
Bonds outstanding (serial), . . . . .	141,250 00	
	<hr/>	\$9,626,250 00

a decrease for the year of \$3,750.

Sinking fund, April 1, 1915, . . . . .	2,935,444 06	
	<hr/>	

an increase for the year of \$179,958.85.

Net parks debt, April 1, 1915, . . . . .	\$6,690,805 94	
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a decrease for the year of \$183,708.85.

## BOULEVARDS.

Gross parks, series two (boulevards) debt, April 1, 1915: —

Bonds outstanding (sinking fund) (one-half), . . . . .	\$2,567,500 00	
Bonds outstanding (serial) (one-half), . . . . .	292,500 00	
Bonds outstanding (serial) 78.75 per cent. (chapter 276, Acts of 1915), . . . . .	90,562 50	
	<hr/>	\$2,950,562 50

an increase for the year of \$185,562.50.

Sinking fund, April 1, 1915, . . . . .	751,570 41	
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an increase for the year of \$61,904.90.

Net parks, series two (boulevards) debt, April 1, 1915, . . . . .	\$2,198,992 09	
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an increase for the year of \$123,657.60.

## METROPOLITAN PARKS LOAN.

The total parks assessment for 1915 is made up as follows: —

Parks sinking fund, . . . . .	\$56,078 19	
Parks, series two, sinking fund, . . . . .	14,408 00	
Nantasket sinking fund, . . . . .	3,659 03	
Parks, serial bonds, . . . . .	\$9,250 00	
Less premium, . . . . .	80 95	
	<hr/>	9,169 05
Parks, series two, serial bonds, . . . . .	\$7,443 75	
Premium, 1914 balance, . . . . .	\$473 00	
Premium, 1915, . . . . .	2,014 64	
	<hr/>	2,487 64
	<hr/>	4,956 11
Amount carried forward, . . . . .		\$88,270 38

Amount brought forward,			\$88,270 38
Parks interest:—			
One year on \$8,921,250,	\$306,401 25		
Six months on \$13,750,	268 12		
Interest on advances and temporary loans, estimated, 1915,	10,000 00		
Adjustment of interest charges in 1914,	555 83		
		\$317,225 20	
Less accrued interest,		29 44	
			317,195 76
Parks, series two, interest:—			
One year on \$2,760,000,	\$96,687 50		
Six months on \$129,437.50,	2,588 75		
Interest from Sept. 29, 1914, to March 2, 1915, on \$24,437.50,	410 01		
Interest on advances and temporary loans, estimated, 1915,	2,000 00		
		\$101,686 26	
Accrued interest,	\$732 80		
Adjustment of interest charges in 1914,	3,764 65		
		4,497 45	
			97,188 81
Nantasket interest:—			
One year on \$700,000,			21,000 00
Parks maintenance, as appropriated by Legislature,	\$543,695 40		
Less balance on hand,	27,474 38		
			516,221 02
Boulevards maintenance, one-half,	\$121,504 08		
Less balance on hand, one-half,	433 60		
			121,070 48
Nantasket maintenance,	\$40,032 26		
Less balance on hand,	1,796 27		
			38,235 99
Wellington Bridge maintenance, one-half,	\$4,646 39		
Less balance on hand, one-half,	425 48		
			4,220 91
Total parks assessment for 1915,			\$1,203,403 35

## METROPOLITAN PARKS, INCLUDING BOULEVARDS AND NANTASKET.

*Total Assessments and Grand Total.*

CITIES AND TOWNS.	Total Sinking Fund.	Total Interest.	Total Main- tenance.	Total Serial Bonds.	Grand Total.
Arlington, . . .	\$487 41	\$2,924 42	\$4,411 93	\$104 10	\$7,927 86
Belmont, . . .	271 26	1,628 48	2,454 97	58 05	4,412 76
Boston, . . .	42,327 24	246,967 02	389,487 71	7,777 82	686,559 79
Braintree, . . .	133 76	790 04	1,226 88	25 62	2,176 30
Brookline, . . .	3,344 43	19,531 15	30,772 80	615 72	54,264 10
Cambridge, . . .	3,932 45	23,092 31	36,032 00	752 04	63,808 80
Canton, . . .	95 26	562 67	873 82	18 25	1,550 00
Chelsea, . . .	973 52	5,739 42	8,896 53	190 70	15,800 17
Cohasset, . . .	13 17	75 60	137 65	—	226 42
Dedham, . . .	438 34	2,553 29	4,036 13	79 96	7,107 72
Dover, . . .	118 63	700 70	1,087 92	22 74	1,929 99
Everett, . . .	1,124 60	6,707 33	10,210 80	233 67	18,276 40
Hingham, . . .	143 34	846 67	1,314 77	27 46	2,332 24
Hull, . . .	115 47	682 10	1,059 14	22 12	1,878 83
Hyde Park, . . .	579 42	3,444 44	5,271 90	118 25	9,414 01
Lynn, . . .	2,543 09	14,783 26	23,423 38	461 34	41,211 07
Malden, . . .	1,648 66	9,746 05	15,048 58	326 80	26,770 09
Medford, . . .	1,297 07	8,013 65	11,539 10	317 53	21,167 35
Melrose, . . .	664 12	3,966 19	6,027 59	138 60	10,796 50
Milton, . . .	1,283 32	7,883 69	11,464 56	305 04	20,936 61
Nahant, . . .	420 30	2,695 43	3,660 06	119 18	6,894 97
Needham, . . .	195 17	1,135 81	1,797 52	35 48	3,163 98
Newton, . . .	2,408 05	14,039 48	22,167 09	440 71	39,055 33
Quincy, . . .	1,509 68	9,232 55	13,511 28	353 24	24,606 75
Revere, . . .	903 64	5,598 67	8,023 91	224 17	14,750 39
Saugus, . . .	205 00	1,189 76	1,889 35	36 92	3,321 03
Somerville, . . .	2,341 84	13,714 34	21,483 13	442 33	37,981 64
Stoneham, . . .	188 63	1,101 51	1,733 55	35 09	3,058 83
Swampscott, . . .	339 68	1,979 73	3,127 11	62 09	5,508 61
Wakefield, . . .	328 57	1,908 57	3,027 75	59 33	5,324 22
Waltham, . . .	934 74	5,435 10	8,611 05	169 42	15,150 31
Watertown, . . .	493 00	2,868 77	4,540 77	89 60	7,992 14
Wellesley, . . .	443 25	2,586 48	4,079 27	81 37	7,190 37
Weston, . . .	247 08	1,442 79	2,273 53	45 47	4,008 87
Westwood, . . .	56 78	335 31	520 80	10 87	923 76
Weymouth, . . .	171 65	1,014 03	1,574 33	32 80	2,792 91
Winchester, . . .	628 97	3,849 68	5,628 84	147 39	10,254 88
Winthrop, . . .	389 23	2,264 90	3,585 05	70 74	6,309 92
Woburn, . . .	405 35	2,353 18	3,735 85	73 05	6,567 43
	\$74,145 22	\$435,384 57	\$679,748 40	\$14,125 16	\$1,203,403 35 <sup>1</sup>

<sup>1</sup> Exclusive of \$20,525.77, special assessments for Wellington Bridge and Alewife Brook, which are included on page 4.

## METROPOLITAN PARKS.

*Proportions to be paid annually as found by Commissioners.*

CITIES AND TOWNS.	Parks, 1910-1915.	Boulevards, 1910-1915.	Nantasket, 1910-1915.
Boston, . . . . .	.59453	.46943	.60768
Cambridge, . . . . .	.05328	.05317	.04879
Chelsea, . . . . .	.01289	.01463	.01090
Everett, . . . . .	.01368	.02184	.01169
Lynn, . . . . .	.03691	.02480	.03168
Malden, . . . . .	.02135	.02644	.01925
Medford, . . . . .	.01142	.04294	.01038
Melrose, . . . . .	.00797	.01322	.00730
Newton, . . . . .	.03400	.02602	.03457
Quincy, . . . . .	.01478	.04393	.01309
Somerville, . . . . .	.03241	.02929	.02797
Waltham, . . . . .	.01351	.00919	.01222
Woburn, . . . . .	.00594	.00375	.00498
Arlington, . . . . .	.00564	.01057	.00515
Belmont, . . . . .	.00312	.00594	.00293
Braintree, . . . . .	.00167	.00208	.00277
Brookline, . . . . .	.04653	.03815	.05068
Canton, . . . . .	.00119	.00148	.00197
Cohasset, . . . . .	—	—	.00360
Dedham, . . . . .	.00624	.00459	.00609
Dover, . . . . .	.00148	.00185	.00245
Hingham, . . . . .	.00179	.00223	.00296
Hull, . . . . .	.00144	.00180	.00240
Hyde Park, . . . . .	.00721	.01052	.00643
Milton, . . . . .	.01188	.03957	.01284
Nahant, . . . . .	.00208	.02020	.00345
Needham, . . . . .	.00280	.00198	.00263
Revere, . . . . .	.00773	.03093	.00670
Saugus, . . . . .	.00301	.00188	.00249
Stoneham, . . . . .	.00267	.00214	.00222
Swampscott, . . . . .	.00481	.00363	.00482
Wakefield, . . . . .	.00479	.00311	.00414
Watertown, . . . . .	.00708	.00498	.00662
Wellesley, . . . . .	.00621	.00493	.00655
Weston, . . . . .	.00344	.00281	.00374
Westwood, . . . . .	.00071	.00088	.00117
Weymouth, . . . . .	.00214	.00268	.00356
Winchester, . . . . .	.00608	.01849	.00591
Winthrop, . . . . .	.00559	.00393	.00523
	1.00000	1.00000	1.00000

## METROPOLITAN PARKS LOAN.

*Sinking Fund.*

BONDS ISSUED.	Due Dates.	Sinking Fund Dec. 1, 1914.	Amount of Dec. 1, 1914, Sinking Fund at Maturity of Loan, Accumulations reckoned at 4 Per Cent.	Balance to be provided for.	Sinking Fund Re- quirements for 1915.
\$125,000	Jan., 1928	\$33,580 92	\$56,194 92	\$68,805 08	\$4,127 79
1,300,000	Jan., 1934	495,704 79	1,052,033 67	247,966 33	8,926 18
2,000,000	Jan., 1936	698,647 77	1,604,964 71	395,035 29	12,302 56
1,400,000	Jan., 1937	468,507 42	1,119,757 62	280,242 38	8,144 86
1,000,000	July, 1938	318,356 63	807,461 76	192,538 24	5,232 40
505,000	July, 1939	152,737 98	403,046 78	101,953 22	2,595 29
650,000	Jan., 1941	223,128 35	624,832 60	25,167 40	564 77
125,000	Jan., 1943	26,267 65	79,621 59	45,378 41	902 58
340,000	July, 1943	75,524 70	233,506 40	106,493 60	2,118 16
300,000	Jan., 1944	54,946 14	173,279 48	126,720 52	2,377 16
370,000	Jan., 1945	58,026 67	190,387 29	179,612 71	3,181 17
300,000	Jan., 1946	46,633 79	159,188 38	140,811 62	2,356 99
300,000	Jan., 1947	37,691 79	133,862 14	166,137 86	2,630 60
70,000	Jan., 1949	6,896 97	26,513 68	43,486 32	617 68
\$8,785,000	—	\$2,696,651 57	\$6,664,651 02	\$2,120,348 98	\$56,078 19

*Nantasket.*

\$600,000	July, 1939	\$183,200 71	\$483,432 19	\$116,567 81	\$2,967 32
100,000	Jan., 1941	24,702 76	69,175 83	30,824 17	691 71
\$700,000	—	\$207,903 47	\$552,608 02	\$147,391 98	\$3,659 03

## METROPOLITAN PARKS LOAN, SERIES TWO.

*Sinking Fund.*

BONDS ISSUED.	Due Dates.	Sinking Fund Dec. 1, 1914.	Amount of Dec. 1, 1914, Sinking Fund at Maturity of Loan, Accumulations reckoned at 4 Per Cent.	Balance to be provided for.	Sinking Fund Re- quirements for 1915.
\$250,000	Jan., 1934	\$103,641 38	\$219,957 97	\$30,042 03	\$1,081 00
300,000	Jan., 1936	114,051 87	262,005 02	37,994 98	1,183 00
500,000	Jan., 1937	182,173 61	435,402 21	64,597 79	1,877 00
50,000	July, 1938	17,341 97	43,122 74	6,877 26	187 00
250,000	July, 1939	83,188 17	215,213 65	34,786 35	886 00
225,000	Jan., 1940	57,480 20	154,713 02	70,286 98	1,679 00
162,500	July, 1940	48,507 62	130,562 02	31,937 47	763 00
55,000	Jan., 1943	12,362 87	37,473 90	17,526 10	349 00
150,000	July, 1943	30,038 28	91,050 99	58,949 01	1,172 00
150,000	Jan., 1944	29,100 34	91,771 54	58,228 46	1,092 00
150,000	Jan., 1945	24,586 34	80,668 54	69,331 46	1,228 00
150,000	Jan., 1946	19,462 69	66,437 53	83,562 47	1,399 00
150,000	Jan., 1947	19,516 72	69,313 50	80,686 50	1,278 00
25,000	Jan., 1949	2,210 74	8,498 64	16,501 36	234 00
\$2,567,500	—	\$743,661 80	\$1,906,191 78	\$661,308 22	\$14,408 00

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Sinking Fund Requirements.*

CITIES AND TOWNS.	Parks.	Boulevards.	Nantasket.	Total.
Arlington, . . .	\$316 28	\$152 29	\$18 84	\$487 41
Belmont, . . .	174 96	85 58	10 72	271 26
Boston, . . .	33,340 17	6,763 55	2,223 52	42,327 24
Braintree, . . .	93 65	29 97	10 14	133 76
Brookline, . . .	2,609 32	549 67	185 44	3,344 43
Cambridge, . . .	2,987 85	766 07	178 53	3,932 45
Canton, . . .	66 73	21 32	7 21	95 26
Chelsea, . . .	722 85	210 79	39 88	973 52
Cohasset, . . .	—	—	13 17	13 17
Dedham, . . .	349 93	66 13	22 28	438 34
Dover, . . .	83 00	26 66	8 97	118 63
Everett, . . .	767 15	314 67	42 78	1,124 60
Hingham, . . .	100 38	32 13	10 83	143 34
Hull, . . .	80 75	25 94	8 78	115 47
Hyde Park, . . .	404 32	151 57	23 53	579 42
Lynn, . . .	2,069 85	357 32	115 92	2,543 09
Malden, . . .	1,197 27	380 95	70 44	1,648 66
Medford, . . .	640 41	618 68	37 98	1,297 07
Melrose, . . .	446 94	190 47	26 71	664 12
Milton, . . .	666 21	570 13	46 98	1,283 32
Nahant, . . .	116 64	291 04	12 62	420 30
Needham, . . .	157 02	28 53	9 62	195 17
Newton, . . .	1,906 66	374 90	126 49	2,408 05
Quincy, . . .	828 84	632 94	47 90	1,509 68
Revere, . . .	433 48	445 64	24 52	903 64
Saugus, . . .	168 80	27 09	9 11	205 00
Somerville, . . .	1,817 49	422 01	102 34	2,341 84
Stonham, . . .	149 73	30 83	8 12	188 68
Swampscott, . . .	269 74	52 30	17 64	339 68
Wakefield, . . .	268 61	44 81	15 15	328 57
Waltham, . . .	757 62	132 41	44 71	934 74
Watertown, . . .	397 03	71 75	24 22	493 00
Wellesley, . . .	348 25	71 03	23 97	443 25
Weston, . . .	192 91	40 49	13 68	247 08
Westwood, . . .	39 82	12 68	4 28	56 78
Weymouth, . . .	120 01	38 61	13 03	171 65
Winchester, . . .	340 95	266 40	21 62	628 97
Winthrop, . . .	313 47	56 62	19 14	389 23
Woburn, . . .	333 10	54 03	18 22	405 35
	\$56,078 19	\$14,408 00	\$3,659 03	\$74,145 22



## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Interest Requirements.*

CITIES AND TOWNS.	Parks.	Boulevards.	Nantasket.	Total.
Arlington, . . .	\$1,788 98	\$1,027 29	\$108 15	\$2,924 42
Belmont, . . .	989 65	577 30	61 53	1,628 48
Boston, . . .	188,582 40	45,623 34	12,761 28	246,967 02
Braintree, . . .	529 72	202 15	58 17	790 04
Brookline, . . .	14,759 12	3,707 75	1,064 28	19,531 15
Cambridge, . . .	16,900 19	5,167 53	1,024 59	23,092 31
Canton, . . .	377 46	143 84	41 37	562 67
Chelsea, . . .	4,088 65	1,421 87	228 90	5,739 42
Cohasset, . . .	—	—	75 60	75 60
Dedham, . . .	1,979 30	446 10	127 89	2,553 29
Dover, . . .	469 45	179 80	51 45	700 70
Everett, . . .	4,339 24	2,122 60	245 49	6,707 33
Hingham, . . .	567 78	216 73	62 16	846 67
Hull, . . .	456 76	174 94	50 40	682 10
Hyde Park, . . .	2,286 98	1,022 43	135 03	3,444 44
Lynn, . . .	11,707 70	2,410 28	665 28	14,783 26
Malden, . . .	6,772 13	2,569 67	404 25	9,746 05
Medford, . . .	3,622 38	4,173 29	217 98	8,013 65
Melrose, . . .	2,528 05	1,284 84	153 30	3,966 19
Milton, . . .	3,768 29	3,845 76	269 64	7,883 69
Nahant, . . .	659 77	1,963 21	72 45	2,695 43
Needham, . . .	888 15	192 43	55 23	1,135 81
Newton, . . .	10,784 66	2,528 85	725 97	14,039 48
Quincy, . . .	4,688 15	4,269 51	274 89	9,232 55
Revere, . . .	2,451 92	3,006 05	140 70	5,598 67
Saugus, . . .	954 76	182 71	52 29	1,189 76
Somerville, . . .	10,280 31	2,846 66	587 37	13,714 34
Stoneham, . . .	846 91	207 98	46 62	1,101 51
Swampscott, . . .	1,525 71	352 80	101 22	1,979 73
Wakefield, . . .	1,519 37	302 26	86 94	1,908 57
Waltham, . . .	4,285 31	893 17	256 62	5,435 10
Watertown, . . .	2,245 75	484 00	139 02	2,868 77
Wellesley, . . .	1,969 79	479 14	137 55	2,586 48
Weston, . . .	1,091 15	273 10	78 54	1,442 79
Westwood, . . .	225 21	85 53	24 57	335 31
Weymouth, . . .	678 80	260 47	74 76	1,014 03
Winchester, . . .	1,928 55	1,797 02	124 11	3,849 68
Winthrop, . . .	1,773 12	381 95	109 83	2,264 90
Woburn, . . .	1,884 14	364 46	104 58	2,353 18
	\$317,195 76	\$97,188 81	\$21,000 00	\$435,384 57

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Maintenance Requirements.*

CITIES AND TOWNS.	Parks.	Boulevards.	Nantasket.	Total.
Arlington, . . . .	\$2,935 30	\$1,279 71	\$196 92	\$4,411 93
Belmont, . . . .	1,623 78	719 16	112 03	2,454 97
Boston, . . . .	309,418 34	56,834 12	23,235 25	389,487 71
Braintree, . . . .	869 14	251 83	105 91	1,226 88
Brookline, . . . .	24,216 16	4,618 84	1,937 80	30,772 80
Cambridge, . . . .	27,729 15	6,437 32	1,865 53	36,032 00
Canton, . . . .	619 32	179 18	75 32	873 82
Chelsea, . . . .	6,708 50	1,771 26	416 77	8,896 53
Cohasset, . . . .	—	—	137 65	137 65
Dedham, . . . .	3,247 56	555 71	232 86	4,036 13
Dover, . . . .	770 26	223 98	93 68	1,087 92
Everett, . . . .	7,119 64	2,644 18	446 98	10,210 80
Hingham, . . . .	931 60	269 99	113 18	1,314 77
Hull, . . . .	749 44	217 93	91 77	1,059 14
Hyde Park, . . . .	3,752 38	1,273 66	245 86	5,271 90
Lynn, . . . .	19,209 51	3,002 55	1,211 32	23,423 38
Malden, . . . .	11,111 44	3,201 10	736 04	15,048 58
Medford, . . . .	5,943 44	5,198 77	396 89	11,539 10
Melrose, . . . .	4,147 92	1,600 55	279 12	6,027 59
Milton, . . . .	6,182 85	4,790 76	490 95	11,464 56
Nahant, . . . .	1,082 53	2,445 62	131 91	3,660 06
Needham, . . . .	1,457 24	239 72	100 56	1,797 52
Newton, . . . .	17,695 02	3,150 25	1,321 82	22,167 09
Quincy, . . . .	7,692 14	5,318 63	500 51	13,511 28
Revere, . . . .	4,023 02	3,744 71	256 18	8,023 91
Saugus, . . . .	1,566 53	227 61	95 21	1,889 35
Somerville, . . . .	16,867 52	3,546 15	1,069 46	21,483 13
Stonham, . . . .	1,389 58	259 09	84 88	1,733 55
Swampscott, . . . .	2,503 32	439 49	184 30	3,127 11
Wakefield, . . . .	2,492 92	376 53	158 30	3,027 75
Waltham, . . . .	7,031 17	1,112 64	467 24	8,611 05
Watertown, . . . .	3,684 72	602 93	253 12	4,540 77
Wellesley, . . . .	3,231 94	596 88	250 45	4,079 27
Weston, . . . .	1,790 32	340 21	143 00	2,273 53
Westwood, . . . .	369 52	106 54	44 74	520 80
Weymouth, . . . .	1,113 74	324 47	136 12	1,574 33
Winchester, . . . .	3,164 28	2,238 59	225 97	5,628 84
Winthrop, . . . .	2,909 27	475 81	199 97	3,585 05
Woburn, . . . .	3,091 42	454 01	190 42	3,735 85
	\$520,441 93	\$121,070 48	\$38,235 99	\$679,748 50



## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS.

*Serial Bond Requirements.*

CITIES AND TOWNS.	Parks.	Boulevards.	Total.
Arlington, . . . . .	\$51 71	\$52 39	\$104 10
Belmont, . . . . .	28 61	29 44	58 05
Boston, . . . . .	5,451 28	2,326 54	7,777 82
Braintree, . . . . .	15 31	10 31	25 62
Brookline, . . . . .	426 64	189 08	615 72
Cambridge, . . . . .	488 53	263 51	752 04
Canton, . . . . .	10 91	7 34	18 25
Chelsea, . . . . .	118 19	72 51	190 70
Dedham, . . . . .	57 21	22 75	79 96
Dover, . . . . .	13 57	9 17	22 74
Everett, . . . . .	125 43	108 24	233 67
Hingham, . . . . .	16 41	11 05	27 46
Hull, . . . . .	13 20	8 92	22 12
Hyde Park, . . . . .	66 11	52 14	118 25
Lynn, . . . . .	338 43	122 91	461 34
Malden, . . . . .	195 76	131 04	326 80
Medford, . . . . .	104 71	212 82	317 53
Melrose, . . . . .	73 08	65 52	138 60
Milton, . . . . .	108 93	196 11	305 04
Nahant, . . . . .	19 07	100 11	119 18
Needham, . . . . .	25 67	9 81	35 48
Newton, . . . . .	311 75	128 96	440 71
Quincy, . . . . .	135 52	217 72	353 24
Revere, . . . . .	70 88	153 29	224 17
Saugus, . . . . .	27 60	9 32	36 92
Somerville, . . . . .	297 17	145 16	442 33
Stoneham, . . . . .	24 48	10 61	35 09
Swampscott, . . . . .	44 10	17 99	62 09
Wakefield, . . . . .	43 92	15 41	59 33
Waltham, . . . . .	123 87	45 55	169 42
Watertown, . . . . .	64 92	24 68	89 60
Wellesley, . . . . .	56 94	24 43	81 37
Weston, . . . . .	31 54	13 93	45 47
Westwood, . . . . .	6 51	4 36	10 87
Weymouth, . . . . .	19 62	13 28	32 90
Winchester, . . . . .	55 75	91 64	147 39
Winthrop, . . . . .	51 26	19 48	70 74
Woburn, . . . . .	54 46	18 59	73 05
	\$9,169 05	\$4,956 11	\$14,125 16

*Wellington Bridge.**Special Assessment.*

CITIES AND TOWNS.	Maintenance.	Per Cent.
Malden, . . . . .	\$1,181 85	14
Medford, . . . . .	1,603 95	19
Reading, . . . . .	84 42	1
Somerville, . . . . .	1,055 23	12½
Stoneham, . . . . .	295 46	3½
	<u>\$4,220 91</u>	<u>50</u>

*Chapter 276, Acts of 1915.*

Bonds issued, 42½ per cent., . . . . .	\$48,875 00	
Serial bond due Jan. 1, 1916, . . . . .	\$4,887 50	
Less premium, . . . . .	791 29	
	<u></u>	\$4,096 21
Interest:—		
Six months on \$48,875, . . . . .	\$977 50	
Interest from Sept. 29, 1914, to March 2, 1915, on \$48,875, . . . . .	820 01	
	<u>\$1,797 51</u>	
Less accrued interest, . . . . .	287 82	
	<u></u>	\$1,509 69

CITIES AND TOWNS.	Serial Bonds.	Interest.
Malden, . . . . .	\$1,146 94	\$422 71
Medford, . . . . .	1,556 56	573 69
Reading, . . . . .	81 92	30 19
Somerville, . . . . .	1,024 05	377 42
Stoneham, . . . . .	286 74	105 68
	<u>\$4,096 21</u>	<u>\$1,509 69</u>

*Alewife Brook (Chapter 529 of the Acts of 1906, as amended by Chapter 529 of the Acts of 1907, and Chapter 458 of the Acts of 1911).<sup>1</sup>*

CITIES AND TOWNS.	Assessment.	Interest.	Total.
Arlington, . . . . .	\$1,636 79	\$930 96	\$2,567 75
Belmont, . . . . .	1,159 39	659 43	1,818 82
Cambridge, . . . . .	3,205 38	1,823 14	5,028 52
Somerville, . . . . .	818 39	465 48	1,283 87
	\$6,819 95	\$3,879 01	\$10,698 96

<sup>1</sup> This table includes the fifth assessment and interest under chapter 529 of the Acts of 1906 and 1907 and the second assessment under chapter 458 of the Acts of 1911.

## STATEMENT III.

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, North System.*

Gross sewerage, north system, debt, April 1, 1915:—

Bonds outstanding (sinking fund), . . . . .	\$6,563,000 00	
Bonds outstanding (serial), . . . . .	541,500 00	
	<hr/>	\$7,104,500 00

an increase for the year of \$117,500.

Sinking fund, April 1, 1915, . . . . . 1,942,937 40

an increase for the year of \$165,728.31.

Net sewerage, north system, debt, April 1, 1915, . . . . . \$5,161,562 60

a decrease for the year of \$48,228.31.

*Assessments, North System.*

Sinking fund requirements, . . . . .		\$99,454 95
Serial bonds, . . . . .	\$14,000 00	
Less premium, . . . . .	2,023 75	
	<hr/>	11,976 25

Interest:—

One year on \$7,046,000, . . . . .	\$221,775 00
Four months on \$14,000, . . . . .	186 67
Interest on advances and temporary loans, estimated, 1915, . . . . .	3,000 00

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\$224,961 67

Accrued interest, . . . . . \$2,402 78

Adjustment of interest charges  
in 1914, . . . . . 342 81

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2,745 59

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222,216 08

Maintenance, as appropriated by Legislature, . . . \$186,000 00

Less balance on hand, . . . . . 757 31

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185,242 69

Total north metropolitan sewerage assessment, . . . . . \$518,889 97

EVERETT AND MALDEN, SPECIAL ASSESSMENT (CHAPTER 512, ACTS OF  
1911).

Bonds issued, . . . . .	\$62,000 00
Previously assessed, . . . . .	9,000 00

Outstanding, . . . . . \$53,000 00

Serial bond due Jan. 1, 1916, . . . . . \$3,000 00

Interest:—

One year on \$50,000, . . . . .	\$1,750 00
One year and four months on \$3,000, . . . . .	140 00

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1,890 00

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\$4,890 00

Everett and Malden, one-half each.

## CITY OF REVERE, SPECIAL ASSESSMENT (CHAPTER 259, ACTS OF 1914).

Bonds issued and outstanding, . . . . .	\$5,500 00	
Serial bond due Jan. 1, 1916, . . . . .	500 00	
Less premium, . . . . .	89 05	
	<hr/>	\$410 95
Interest:—		
One year on \$5,000, . . . . .	\$200 00	
One year and four months on \$500, . . . . .	26 66	
	<hr/>	\$226 66
Less accrued interest, . . . . .	105 72	
	<hr/>	120 94
		<hr/>
		\$531 89

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, South System.*

Gross sewerage, south system, debt, April 1, 1915:—	
Bonds outstanding (sinking fund), . . . . .	\$8,877,912 00

showing no change for the past year.

Sinking fund, April 1, 1915, . . . . .	1,100,601 52
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an increase for the year of \$96,405.85.

Net sewerage, south system, debt, April 1, 1915, . . . . .	\$7,777,310 48
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a decrease for the year of \$96,405.85.

*Assessments, South System.*

Sinking fund requirements, . . . . .	\$64,833 80
One year's interest on \$8,877,912, . . . . .	\$298,777 36
Interest on advances and temporary loans esti- mated, 1915, . . . . .	4,000 00
Adjustment of interest charges in 1914, . . . . .	233 34
	<hr/>
	303,010 70
Maintenance, as appropriated by Legislature, . . . . .	\$117,855 00
Less balance on hand, . . . . .	2,772 69
	<hr/>
	115,082 31
	<hr/>
Total south metropolitan sewerage assessment, . . . . .	\$482,926 81

## METROPOLITAN SEWERAGE LOAN.

*North System — Assessment.*

CITIES AND TOWNS.	Sinking Fund.	Serial Bonds.	Interest.	Maintenance.	Total.
Arlington, . . .	\$3,152 72	\$379 65	\$7,044 25	\$3,964 19	\$14,540 81
Belmont, . . .	1,869 75	225 15	4,177 66	1,963 57	8,236 13
Boston, . . .	15,296 17	1,841 95	34,176 83	35,362 83	86,677 78
Cambridge,* . . .	22,526 55	2,712 62	50,331 94	37,104 11	112,675 22
Chelsea, . . .	5,201 50	626 36	11,621 90	11,485 05	28,934 81
Everett, . . .	5,678 88	683 84	12,688 54	11,855 53	30,906 79
Lexington, . . .	1,004 49	120 96	2,244 38	1,407 84	4,777 67
Malden, . . .	8,045 91	968 88	17,977 28	15,708 58	42,700 65
Medford, . . .	5,221 38	628 75	11,666 35	8,187 73	25,704 21
Melrose, . . .	3,470 98	417 97	7,755 34	5,557 28	17,201 57
Revere, . . .	3,610 21	434 74	8,066 44	6,446 45	18,557 84
Somerville, . . .	12,919 20	1,555 72	28,865 87	27,341 82	70,682 61
Stoneham, . . .	974 66	117 37	2,177 72	2,500 78	5,770 53
Wakefield, . . .	2,038 83	245 51	4,555 43	4,038 29	10,878 06
Winchester, . . .	3,132 83	377 25	6,999 81	3,297 32	13,807 21
Winthrop, . . .	3,043 32	366 47	6,799 81	3,593 71	13,803 31
Woburn, . . .	2,267 57	273 06	5,066 53	5,427 61	13,034 77
	\$99,454 95	\$11,976 25	\$222,216 08	\$185,242 69	\$518,889 97 1

<sup>1</sup> Exclusive of \$5,421.89, special assessments on Everett, Malden and Revere, which are included on page 4.

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR.	Due Date.	Sinking Fund Dec. 1, 1914.	Amount of Dec. 1, 1914, Sinking Fund at Ma- turity of Loan, Accu- mulations at 4 Per Cent.	Balance.	Portion of Balance to be provided for this Year.	Sinking Fund Require- ments for 1915.
\$5,330,000 (2,442,917)	Jan., 1930	\$1,744,797 03	\$3,160,458 29	\$4,612,458 71	\$153,748 62	\$88,309 30
Sunk.						
465,000 (195,625)	Jan., 1930	135,011 11	244,553 94	416,071 06	13,860 04	7,966 02
Sunk.						
250,000 (39,583)	July, 1943	17,030 51	55,437 35	234,145 65	3,902 43	1,313 18
Sunk.						
50,000 (7,917)	Jan., 1943	3,624 68	10,987 00	46,930 00	782 17	268 47
Sunk.						
55,000 (8,708)	July, 1943	5,804 08	17,944 99	45,763 01	762 72	256 66
Sunk.						
300,000 (22,500)	Jan., 1949	12,116 21	46,577 75	275,922 25	3,449 03	933 44
Sunk.						
113,000 (7,847)	Jan., 1949	3,208 68	12,334 97	108,512 03	1,507 11	407 88
Sunk.						
\$6,563,000 (2,725,097)	- Sunk.	\$1,922,492 30	\$3,548,294 29	\$5,739,802 71	\$178,021 12	\$99,454 95

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED.	Due Date.	Amount provided for.	Amount to be provided for.	1915.
\$5,330,000	1930	$\frac{1}{8} + \frac{1}{6} + \frac{5}{30}$	$\frac{5}{30} + \frac{3}{8}$	$\frac{1}{30}$
265,000	1930	$\frac{70}{240} + \frac{5}{30}$	$\frac{5}{30} + \frac{3}{8}$	$\frac{1}{30}$
200,000	1930	$\frac{49}{240} + \frac{5}{30}$	$\frac{5}{30} + \frac{111}{240}$	$\frac{1}{30}$
300,000	1943	$\frac{1}{8} + \frac{2}{60}$	$\frac{8}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
55,000	1943	$\frac{1}{8} + \frac{2}{60}$	$\frac{8}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
300,000	1949	$\frac{6}{80}$	$\frac{4}{80} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{3}{80}$
113,000	1949	$\frac{5}{72}$	$\frac{4}{72} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{72}$

## NORTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuations of 1913 and the Census Returns of 1910. Assessments made by the Metropolitan Water and Sewerage Board.*

CITIES AND TOWNS.	State Valuation, Acts 1913, Chapter 607.	Proportion for Interest and Sinking Funds (Per Cent.).	Population United States Census 1910.	Proportion for Maintenance and Operation (Per Cent.).
Arlington, . . . .	\$18,168,452	3.17	11,187	2.14
Belmont, . . . .	10,789,904	1.88	5,542	1.06
Boston: —				
Charlestown, }				
East Boston, }	88,218,700	15.38	99,932	19.09
Cambridge, . . . .	129,881,058	22.65	104,839	20.03
Chelsea, . . . .	30,004,278	5.23	32,452	6.20
Everett, . . . .	32,751,652	5.71	33,484	6.40
Lexington, . . . .	5,788,900 <sup>1</sup>	1.01	4,000 <sup>2</sup>	0.76
Malden, . . . .	46,389,388	8.09	44,404	8.48
Medford, . . . .	30,102,933	5.25	23,150	4.42
Melrose, . . . .	20,046,268	3.49	15,715	3.00
Revere, . . . .	20,838,470	3.63	18,219	3.48
Somerville, . . . .	74,496,160	12.99	77,236	14.76
Stoneham, . . . .	5,599,552	0.98	7,090	1.35
Wakefield, . . . .	11,759,792	2.05	11,404	2.18
Winchester, . . . .	18,041,359	3.15	9,309	1.78
Winthrop, . . . .	17,553,306	3.06	10,132	1.94
Woburn, . . . .	13,052,791	2.28	15,308	2.93
	\$573,482,963	100.00	523,403	100.00

<sup>1</sup> 56.57 per cent. of the town valuation derived from figures certified by the clerk of the board of assessors.

<sup>2</sup> Population of Lexington sewerage district, certified by the clerk of the board of assessors.

## METROPOLITAN SEWERAGE LOAN.

*South System — Assessment.*

CITIES AND TOWNS.	Sinking Fund.	Interest.	Maintenance.	Total Assessment.
Boston, . . .	\$28,332 37	\$132,415 68	\$62,938 52	\$223,686 57
Brookline, . . .	14,697 82	68,692 53	9,160 55	92,550 90
Dedham, . . .	1,419 86	6,635 93	3,061 19	11,116 98
Milton, . . .	3,442 68	16,089 87	2,612 37	22,144 92
Newton, . . .	8,480 26	39,633 80	13,119 38	61,233 44
Quincy, . . .	3,462 13	16,180 77	10,760 20	30,403 10
Waltham, . . .	3,092 57	14,453 61	9,183 57	26,729 75
Watertown, . . .	1,906 11	8,908 51	4,246 53	15,061 15
	\$64,833 80	\$303,010 70	\$115,082 31	\$482,926 81

## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR.	Due Date.	Sinking Fund Dec. 1, 1914.	Amount of Dec. 1, 1914, Sinking Fund at Ma- turity of Loan, Accu- mulations at 4 Per Cent.	Balance.	Portion of Balance to be provided for this Year.	Sinking Fund Require- ments for 1915.
\$800,000 (366,667)	Jan., 1930 Sunk.	\$259,621 49	\$470,268 39	\$696,398 61	\$23,213 29	\$13,333 12
839,000 (244,708)	Mar., 1935 Sunk.	150,437 53	332,172 03	751,535 97	25,051 20	11,803 80
65,000 (17,875)	Mar., 1936 Sunk.	10,549 19	24,234 07	58,640 93	977 35	442 63
1,024,912 (230,605)	July, 1939 Sunk.	121,699 06	321,140 91	934,376 09	15,572 93	6,139 91
3,586,000 (747,083)	July, 1940 Sunk.	375,462 32	1,030,801 67	3,302,281 33	55,038 02	20,857 12
996,000 (157,700)	Jan., 1943 Sunk.	72,006 85	218,264 66	935,435 34	15,590 59	5,351 23
392,000 (55,533)	July, 1944 Sunk.	23,558 57	75,780 77	371,752 23	6,195 87	2,003 98
175,000 (19,444)	Jan., 1946 Sunk.	14,191 84	49,469 12	144,974 88	2,013 54	613 69
1,000,000 (109,375)	Jan., 1946 Sunk.	61,193 29	208,888 46	900,186 54	14,070 10	4,288 32
\$8,877,912 (1,948,990)	- Sunk.	\$1,089,020 14	\$2,731,020 08	\$8,095,881 92	\$157,722 89	\$64,833 80



## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED.	Due Date.	Amount provided for.	Amount to be provided for.	1915.
\$800,000	1930	$\frac{1}{8} + \frac{1}{6} + \frac{5}{30}$	$\frac{5}{30} + \frac{3}{8}$	$\frac{1}{30}$
839,000	1935	$\frac{1}{8} + \frac{10}{60}$	$\frac{1}{3} + \frac{3}{8}$	$\frac{1}{30}$
65,000	1936	$\frac{1}{8} + \frac{9}{60}$	$\frac{1}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
1,024,912	1939	$\frac{1}{8} + \frac{6}{60}$	$\frac{4}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
3,586,000	1940	$\frac{1}{8} + \frac{5}{60}$	$\frac{5}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
996,000	1943	$\frac{1}{8} + \frac{2}{60}$	$\frac{8}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
392,000	1944	$\frac{1}{8} + \frac{1}{60}$	$\frac{9}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
175,000	1946	$\frac{8}{72}$	$\frac{1}{72} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{72}$
1,000,000	1946	$\frac{7}{64}$	$\frac{1}{64} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{64}$

## SOUTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuations of 1913 and the Census Returns of 1910. Assessments made by the Metropolitan Water and Sewerage Board.*

CITIES AND TOWNS.	State Valuation, Acts 1913, Chapter 607.	Proportion for Interest and Sinking Funds (Per Cent.).	Population United States Census 1910.	Proportion for Maintenance and Operation (Per Cent.).
Waltham, . . . .	\$33,292,633	4.77	27,834	7.98
Watertown, . . . .	20,541,610	2.94	12,875	3.69
Newton, . . . .	91,317,225	13.08	39,806	11.40
Boston, . . . .	305,170,800	43.70	190,938	54.69
Brighton District, . .	\$45,928,000	—	26,575	—
Back Bay District, . .	75,385,100	—	18,048	—
Roxbury District, . .	52,353,600	—	45,957	—
West Roxbury District, .	47,404,500	—	28,608	—
Dorchester District, . .	65,858,000	—	56,243	—
Hyde Park District, . .	18,241,600	—	15,507	—
Brookline, . . . .	158,297,618	22.67	27,792	7.96
Dedham, . . . .	15,325,221 <sup>1</sup>	2.19	9,284	2.66
Milton, . . . .	37,069,363	5.31	7,924	2.27
Quincy, . . . .	37,250,883	5.34	32,642	9.35
	\$698,265,353	100.00	349,095	100.00

<sup>1</sup> 96.84 per cent. of the town valuation derived from figures certified by the chairman of the board of assessors.

## METROPOLITAN PARKS AND SEWERAGE LOANS.

*Comparison of Assessments, 1914 and 1915.*

CITIES AND TOWNS.	PARKS.		SEWER.	
	1914.	1915.	1914.	1915.
Arlington, . . .	\$10,395 41	\$10,495 61	\$14,611 90	\$14,540 81
Belmont, . . .	6,186 91	6,231 58	8,227 20	8,236 13
Boston, . . .	672,821 42	686,559 79	304,371 90	310,364 35
Braintree, . . .	2,122 37	2,176 30	—	—
Brookline, . . .	53,151 09	54,264 10	90,022 00	92,550 90
Cambridge, . . .	67,709 11	68,837 32	114,341 14	112,675 22
Canton, . . .	1,511 64	1,550 00	—	—
Chelsea, . . .	15,481 73	15,800 17	29,704 27	28,934 81
Cohasset, . . .	197 12	226 42	—	—
Dedham, . . .	6,968 84	7,107 72	10,700 14	11,116 98
Dover, . . .	1,882 16	1,929 99	—	—
Everett, . . .	17,882 01	18,276 40	34,154 23	33,351 79
Hingham, . . .	2,274 51	2,332 24	—	—
Hull, . . .	1,832 18	1,878 83	—	—
Hyde Park, . . .	9,212 67	9,414 01	— <sup>1</sup>	— <sup>1</sup>
Lexington, . . .	—	—	4,819 43	4,777 67
Lynn, . . .	40,445 51	41,211 07	—	—
Malden, . . .	26,939 34	29,521 59	46,117 09	45,145 65
Medford, . . .	21,601 11	24,901 55	26,035 94	25,704 21
Melrose, . . .	10,558 39	10,796 50	17,437 18	17,201 57
Milton, . . .	20,391 28	20,936 61	21,515 56	22,144 92
Nahant, . . .	6,673 15	6,894 97	—	—
Needham, . . .	3,103 19	3,163 98	—	—
Newton, . . .	38,278 40	39,055 33	59,153 23	61,233 44
Quincy, . . .	23,998 29	24,606 75	29,125 39	30,403 10
Reading, . . .	51 84	196 53	—	—
Revere, . . .	14,363 51	14,750 39	18,890 77	19,089 73
Saugus, . . .	3,260 60	3,321 03	—	—
Somerville, . . .	39,213 54	41,722 21	72,437 60	70,682 61
Stoneham, . . .	3,182 46	3,746 71	5,960 69	5,770 53
Swampscott, . . .	5,399 71	5,508 61	—	—
Wakefield, . . .	5,225 59	5,324 22	11,118 54	10,878 06
Waltham, . . .	14,864 02	15,150 31	25,622 38	26,729 75
Watertown, . . .	7,838 93	7,992 14	14,490 71	15,061 15
Wellesley, . . .	7,044 98	7,190 37	—	—
Weston, . . .	3,926 74	4,008 87	—	—
Westwood, . . .	900 91	923 76	—	—
Weymouth, . . .	2,723 59	2,792 91	—	—
Winchester, . . .	9,996 65	10,254 88	13,793 19	13,807 21
Winthrop, . . .	6,188 94	6,309 92	13,841 23	13,803 31
Woburn, . . .	6,447 31	6,567 43	13,425 71	13,034 77
	\$1,192,247 15	\$1,223,929 12	\$999,917 42	\$1,007,238 67

<sup>1</sup> Included in Boston.

## STATEMENT IV.

## CHARLES RIVER BASIN.

Gross Charles River Basin debt, April 1, 1915: —

Bonds outstanding (sinking fund), . . . . .	\$4,125,000 00	
Bonds outstanding (serial), . . . . .	307,000 00	
	<hr/>	\$4,432,000 00

a decrease for the year of \$9,000.

Sinking fund, April 1, 1915, . . . . .	755,644 41
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an increase for the year of \$65,133.50.

Net Charles River Basin debt, April 1, 1915, . . . . .	<hr/> \$3,676,355 59
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a decrease for the year of \$74,133.50.

## TOTAL CHARLES RIVER BASIN LOAN — ASSESSMENT FOR 1915.

*District.*

Serial bonds, . . . . .		\$9,000 00
Interest: —		
One year on \$4,432,000, . . . . .	\$153,190 00	
Six months on \$9,000, . . . . .	160 00	
	<hr/>	\$153,350 00
Less interest on bridge, . . . . .	\$41,381 82	
Adjustment of interest charges in 1914, . . . . .	343 91	
	<hr/>	41,725 73
		<hr/>
		111,624 27
Maintenance, as appropriated by Legislature, . . . . .	\$131,010 00	
Less balance on hand, . . . . .	17,292 65	
	<hr/>	113,717 35
		<hr/>
Total Charles River Basin district assessment, . . . . .		\$234,341 62

*Charles River Bridge.*

Sinking fund, . . . . .	\$8,836 94
Interest, . . . . .	41,381 82
	<hr/>
	\$50,218 76

Boston and Cambridge, one-half each.

## CHARLES RIVER BASIN LOAN SINKING FUND.

*District.*

BONDS ISSUED.	Due Date.	Sinking Fund Dec. 1, 1914.	Amount of Dec. 1, 1914, Sinking Fund at Ma- turity of Loan, Accu- mulations at 4 Per Cent.	Balance.	Sinking Fund Require- ments for 1915.
\$177,272 73	Jan., 1944	\$157,788 03	\$497,604 16	-	-
283,636 36	Jan., 1945	270,657 69	\$88,036 20	-	-
425,454 55	Jan., 1946	262,121 24	\$94,772 97	-	-
\$15,454 55	Jan., 1947	338,014 85	1,200,457 43	-	-
283,636 36	Jan., 1948	\$2,787 39	305,897 21	-	-
602,727 28	Jan., 1949	104,204 44	400,587 96	-	-
336,818 17	Jan., 1950	13,418 38	53,667 60	-	-
\$2,925,000 00	-	\$1,228,992 02 <sup>1</sup>	\$4,241,023 53	-	-

*Boston and Cambridge, Charles River Bridge.*

\$72,727 27	Jan., 1944	\$19,027 36	\$60,205 16	\$12,522 11	\$234 90
116,363 64	Jan., 1945	31,924 57	105,094 65	11,268 99	199 59
174,545 45	Jan., 1946	33,824 17	115,846 53	58,698 92	982 54
334,545 45	Jan., 1947	48,433 72	172,585 40	161,960 05	2,564 45
116,363 64	Jan., 1948	13,279 04	49,229 25	67,134 39	1,006 40
247,272 72	Jan., 1949	20,845 13	80,401 01	166,871 71	2,370 26
138,181 83	Jan., 1950	7,073 66	28,385 82	109,796 01	1,478 80
\$1,200,000 00	-	\$174,407 65	\$611,747 82	\$588,252 18	\$8,836 94

<sup>1</sup> Includes \$657,470.54, balance of cost of embankment due from city of Boston.

## CHARLES RIVER BASIN LOAN.

*Proportions to be paid annually as found by Commissioners, 1910-1915.*

CITIES AND TOWNS.	For Interest and Sinking Fund Requirements.	For Maintenance Requirements.
Arlington, . . . . .	.00462	.00517
Belmont, . . . . .	.00263	.00294
Boston, . . . . .	.60021	.60987
Braintree, . . . . .	.00248	.00278
Brookline, . . . . .	.04545	.05087
Cambridge, . . . . .	.09501	.04897
Canton, . . . . .	.00177	.00198
Chelsea, . . . . .	.00977	.01094
Dedham, . . . . .	.00547	.00612
Dover, . . . . .	.00220	.00246
Everett, . . . . .	.01048	.01173
Hingham, . . . . .	.00266	.00298
Hull, . . . . .	.00215	.00241
Hyde Park, . . . . .	.00577	.00646
Lynn, . . . . .	.02841	.03180
Malden, . . . . .	.01726	.01932
Medford, . . . . .	.00930	.01041
Melrose, . . . . .	.00654	.00732
Milton, . . . . .	.01152	.01289
Nahant, . . . . .	.00310	.00347
Needham, . . . . .	.00236	.00264
Newton, . . . . .	.03099	.03469
Quincy, . . . . .	.01173	.01313
Revere, . . . . .	.00600	.00672
Saugus, . . . . .	.00223	.00250
Somerville, . . . . .	.02508	.02807
Stoneham, . . . . .	.00198	.00222
Swampscott, . . . . .	.00432	.00484
Wakefield, . . . . .	.00371	.00415
Waltham, . . . . .	.01095	.01226
Watertown, . . . . .	.00593	.00664
Wellesley, . . . . .	.00588	.00658
Weston, . . . . .	.00335	.00375
Westwood, . . . . .	.00105	.00118
Weymouth, . . . . .	.00319	.00357
Winchester, . . . . .	.00530	.00593
Winthrop, . . . . .	.00468	.00524
Woburn, . . . . .	.00447	.00500
	1.00000	1.00000

## CHARLES RIVER BASIN LOAN — ASSESSMENT.

CITIES AND TOWNS.	Interest Re- quirements.	Cost of Maintenance.	Serial Bonds.	Total Assessment.
Arlington, . . .	\$515 70	\$587 92	\$41 58	\$1,145 20
Belmont, . . .	293 57	334 33	23 67	651 57
Boston, . . .	66,998 00	69,352 80	5,401 89	141,752 69
Braintree, . . .	276 83	316 14	22 32	615 29
Brookline, . . .	5,073 32	5,784 80	409 05	11,267 17
Cambridge, . . .	10,605 42	5,568 74	855 09	17,029 25
Canton, . . .	197 57	225 16	15 93	438 66
Chelsea, . . .	1,090 57	1,244 07	87 93	2,422 57
Dedham, . . .	610 58	695 95	49 23	1,355 76
Dover, . . .	245 57	279 75	19 80	545 12
Everett, . . .	1,169 82	1,333 90	94 32	2,598 04
Hingham, . . .	296 92	338 88	23 94	659 74
Hull, . . .	239 99	274 06	19 35	533 40
Hyde Park, . . .	644 07	734 61	51 93	1,430 61
Lynn, . . .	3,171 25	3,616 21	255 69	7,043 15
Malden, . . .	1,926 63	2,197 02	155 34	4,278 99
Medford, . . .	1,038 11	1,183 80	83 70	2,305 61
Melrose, . . .	730 02	832 41	58 86	1,621 29
Milton, . . .	1,285 91	1,465 82	103 68	2,855 41
Nahant, . . .	346 04	394 60	27 90	768 54
Needham, . . .	263 43	300 21	21 24	584 88
Newton, . . .	3,459 24	3,944 85	278 91	7,683 00
Quincy, . . .	1,309 35	1,493 11	105 57	2,908 03
Revere, . . .	669 74	764 18	54 00	1,487 92
Saugus, . . .	248 92	284 29	20 07	553 28
Somerville, . . .	2,799 54	3,192 05	225 72	6,217 31
Stoneham, . . .	221 02	252 45	17 82	491 29
Swampscott, . . .	482 26	550 39	38 88	1,071 53
Wakefield, . . .	414 13	471 93	33 39	919 45
Waltham, . . .	1,222 29	1,394 17	98 55	2,715 01
Watertown, . . .	661 93	755 08	53 37	1,470 38
Wellesley, . . .	656 35	748 26	52 92	1,457 53
Weston, . . .	373 94	426 44	30 15	830 53
Westwood, . . .	117 20	134 19	9 45	260 84
Weymouth, . . .	356 08	405 97	28 71	790 76
Winchester, . . .	591 60	674 34	47 70	1,313 64
Winthrop, . . .	522 40	595 88	42 12	1,160 40
Woburn, . . .	498 96	568 59	40 23	1,107 78
	\$111,624 27	\$113,717 35	\$9,000 00	\$234,341 62 <sup>1</sup>

<sup>1</sup> Exclusive of \$76,554.78, special assessments on Boston and Cambridge, which are included on page 4.

## CHARLES RIVER BASIN DEBT ANALYZED.

DEBT.	Total.	Cambridge, Charles River Bridge.	Boston, Charles River Bridge.	Boston Embank- ment.	District.
Gross debt, . . .	\$4,432,000 00	\$600,000 00	\$600,000 00	\$847,636 43	\$2,384,363 57
Sinking fund, . . .	763,524 48	89,012 42	89,012 42	192,290 73	393,208 91
Net debt, . . .	\$3,668,475 52	\$510,987 58	\$510,987 58	\$655,345 70	\$1,991,154 66



## STATEMENT OF THE DEBTS OF THE METRO

		METROPOLITAN PARKS.		METROPOLITAN PARKS, NANTASKET.		METROPOLITAN PARKS, BOULEVARDS.	
Bonds outstanding (sinking fund), . . . . .		\$8,785,000 00		\$700,000 00		\$2,567,500 00	
Bonds outstanding (serial), . . . . .		141,250 00		—		383,062 50	
Gross debt, . . . . .		\$8,926,250 00		\$700,000 00		\$2,950,562 50	
Sinking funds, July 1, 1915, . . . . .		2,752,453 39		212,205 62		759,050 40	
Net debt, . . . . .		\$6,173,796 61		\$487,794 38		\$2,191,512 10 2,174,262 10 <sup>2</sup>	
		Per Cent.		Per Cent.		Per Cent.	
1	Arlington, . . . . .	.00564	\$34,820 21	.00515	\$2,512 14	.01057	\$22,981 95
2	Belmont, . . . . .	.00312	\$19,262 25	.00293	1,429 24	.00594	12,915 12
3	Boston, . . . . .	.59453	3,670,507 30	.60768	296,422 89	.46943	1,020,663 86
4	Braintree, . . . . .	.00167	10,310 24	.00277	1,351 19	.00208	4,522 47
5	Brookline, . . . . .	.04653	287,266 76	.05068	24,721 42	.03815	82,948 10
6	Cambridge, . . . . .	.05328	328,939 88	.04879	23,799 49	.05317	115,605 52
7	Canton, . . . . .	.00119	7,346 82	.00197	960 95	.00148	3,217 91
8	Chelsea, . . . . .	.01289	79,580 24	.01090	5,316 96	.01463	31,809 45
9	Cohasset, . . . . .	—	—	.00360	1,756 06	—	—
10	Dedham, . . . . .	.00624	38,524 49	.00609	2,970 67	.00459	9,979 86
11	Dover, . . . . .	.00148	9,137 22	.00245	1,195 10	.00185	4,022 38
12	Everett, . . . . .	.01368	84,457 54	.01169	5,702 32	.02184	47,485 88
13	Hingham, . . . . .	.00179	11,051 10	.00296	1,443 87	.00223	4,848 60
14	Hull, . . . . .	.00144	8,890 27	.00240	1,170 71	.00180	3,913 67
15	Hyde Park, . . . . .	.00721	44,513 07	.00643	3,136 51	.01052	22,873 24
16	Lexington, . . . . .	—	—	—	—	—	—
17	Lynn, . . . . .	.03691	227,874 83	.03168	15,453 33	.02480	53,921 70
18	Malden, . . . . .	.02135	131,810 56	.01925	9,390 01	.02644	57,487 49
19	Medford, . . . . .	.01142	70,504 76	.01038	5,063 31	.04294	93,362 81
20	Melrose, . . . . .	.00797	49,205 16	.00730	3,560 90	.01322	28,743 74
21	Milton, . . . . .	.01188	73,344 70	.01284	6,263 28	.03957	86,035 55
22	Nahant, . . . . .	.00208	12,841 50	.00345	1,682 89	.02020	43,920 10
23	Needham, . . . . .	.00280	17,286 63	.00263	1,282 90	.00198	4,305 04
24	Newton, . . . . .	.03400	209,909 08	.03457	16,863 05	.02602	56,574 30
25	Quincy, . . . . .	.01478	91,248 71	.01309	6,385 23	.04393	95,515 33
26	Revere, . . . . .	.00773	47,723 45	.00670	3,268 22	.03093	67,249 93
27	Saugus, . . . . .	.00301	18,583 13	.00249	1,214 61	.00188	4,087 61
28	Somerville, . . . . .	.03241	200,092 75	.02797	13,643 61	.02929	63,684 14
29	Stoneham, . . . . .	.00267	16,484 04	.00222	1,082 90	.00214	4,652 92
30	Swampscott, . . . . .	.00481	29,695 96	.00482	2,351 17	.00363	7,892 57
31	Wakefield, . . . . .	.00479	29,572 48	.00414	2,019 47	.00311	6,761 96
32	Waltham, . . . . .	.01351	83,407 99	.01222	5,960 85	.00919	19,981 47
33	Watertown, . . . . .	.00708	43,710 48	.00662	3,229 20	.00498	10,827 83
34	Wellesley, . . . . .	.00621	38,339 28	.00655	3,195 05	.00493	10,719 11
35	Weston, . . . . .	.00344	21,237 86	.00374	1,824 35	.00281	6,109 68
36	Westwood, . . . . .	.00071	4,383 40	.00117	570 72	.00088	1,913 35
37	Weymouth, . . . . .	.00214	13,211 92	.00356	1,736 55	.00268	5,827 02
38	Winchester, . . . . .	.00608	37,536 68	.00591	2,882 86	.01849	40,202 11
39	Winthrop, . . . . .	.00559	34,511 52	.00523	2,551 16	.00393	8,544 85
40	Woburn, . . . . .	.00594	36,072 35	.00498	2,429 21	.00375	8,153 48
		1.00000	\$6,173,796 61	1.00000	\$487,794 38	1.00000	\$2,174,262 10

<sup>1</sup> See preceding page for details.<sup>2</sup> District proportion. Balance, \$17,250, Boston Elevated Railway Company's proportion.



## POLITAN DISTRICT (CHAPTER 526, ACTS OF 1911).

METROPOLITAN SEWERAGE, NORTH SYSTEM.		METROPOLITAN SEWERAGE, SOUTH SYSTEM.		METROPOLITAN WATER.		CHARLES RIVER BASIN.		TOTALS.	
\$6,563,000 00		\$8,877,912 00		\$41,398,000 00		\$4,125,000 00			
541,500 00		—		1,096,000 00		307,000 00			
\$7,104,500 00		\$8,877,912 00		\$42,494,000 00		\$4,432,000 00			
1,962,349 60		1,111,555 24		11,989,723 82		763,524 48			
\$5,142,150 40		\$7,766,356 76		\$30,504,276 18		\$3,668,475 52 <sup>1</sup>			
5,083,650 40 <sup>3</sup>						1,991,154 66 <sup>3</sup>			
Per Cent.		Per Cent.		Per Cent.		Per Cent.			
.0317	\$161,151 72	—	—	.008247648	\$251,588 53	.00462	\$9,199 13	\$482,253 68	1
.0188	95,572 63	—	—	.004669581	142,442 19	.00263	5,236 74	276,858 17	2
.1538	781,865 43	.4370	\$3,393,897 90	.769294220	23,466,763 35	.60021	2,361,444 22	34,991,564 95	3
—	—	—	—	—	—	.00248	4,938 06	21,121 96	4
—	—	.2267	1,760,633 08	—	—	.04545	90,497 98	2,246,067 34	5
.2265	1,151,446 82	—	—	—	—	.09501	700,167 19	2,319,958 90	6
—	—	—	—	—	—	.00177	3,524 34	15,050 02	7
.0523	265,874 92	—	—	.022982979	701,079 14	.00977	19,453 58	1,103,114 29	8
—	—	—	—	—	—	—	—	1,756 06	9
—	—	.0219	170,083 21	—	—	.00547	10,891 62	232,449 85	10
—	—	—	—	—	—	.00220	4,380 54	18,735 24	11
.0571	316,776 44	—	—	.022074655	673,371 37	.01048	20,867 30	1,148,660 85	12
—	—	—	—	—	—	.00266	5,296 47	22,640 04	13
—	—	—	—	—	—	.00215	4,280 98	18,255 63	14
—	—	—	—	—	—	.00577	11,488 96	82,011 78	15
.0101	51,344 87	—	—	.003898308	118,915 06	—	—	170,259 93	16
—	—	—	—	—	—	.02841	56,568 70	353,818 56	17
.0809	437,767 32	—	—	.021116050	644,129 82	.01726	34,367 33	1,314,952 56	18
.0525	266,891 65	—	—	.012854611	392,120 60	.00930	18,517 74	846,460 87	19
.0349	177,419 40	—	—	.008927165	272,316 71	.00654	13,022 15	544,268 06	20
—	—	.0531	412,393 54	.007591626	231,577 06	.01152	22,938 10	832,552 23	21
—	—	—	—	.002575599	78,566 78	.00310	6,172 58	143,183 85	22
—	—	—	—	—	—	.00236	4,699 13	27,573 70	23
—	—	.1308	1,015,839 47	.002829934	86,325 09	.03099	61,705 88	1,447,216 87	24
—	—	.0534	414,723 45	.023134429	705,699 01	.01173	23,356 25	1,336,927 98	25
.0363	190,036 51	—	—	.013314293	406,142 87	.00600	11,946 93	726,367 91	26
—	—	—	—	—	—	.00223	4,440 28	28,325 63	27
.1299	660,366 18	—	—	.051185059	1,561,363 18	.02508	49,938 16	2,549,088 02	28
.0098	49,819 77	—	—	.003358548	102,450 08	.00198	3,942 49	178,432 20	29
—	—	—	—	.005479179	167,138 39	.00432	8,601 79	215,679 88	30
.0205	104,214 83	—	—	—	—	.00371	7,387 18	149,955 92	31
—	—	.0477	370,455 22	—	—	.01095	21,803 14	501,608 67	32
—	—	.0294	228,330 89	.009214335	281,076 62	.00593	11,807 55	578,982 57	33
—	—	—	—	—	—	.00588	11,707 99	63,961 43	34
—	—	—	—	—	—	.00335	6,670 37	35,842 26	35
—	—	—	—	—	—	.00105	2,090 71	8,958 18	36
—	—	—	—	—	—	.00319	6,351 78	27,127 27	37
.0315	160,134 98	—	—	—	—	.00530	10,553 12	251,309 75	38
.0306	155,559 70	—	—	.007251781	221,210 33	.00468	9,318 60	431,696 16	39
.0228	115,907 23	—	—	—	—	.00447	8,900 46	172,062 73	40
1.0000	\$5,142,150 40	1.0000	\$7,766,356 76	1.000000000	\$30,504,276 18	1.00000	\$3,668,475 52	\$55,917,111 95	

<sup>3</sup> District proportion.

## SINKING FUND TABLE.

One dollar put in each year, with interest at the rate of 4 per cent. per annum, compounded semiannually, amounts to the following in from 1 to 36 years, both inclusive: —

To find what amount must be put in each year to sink a given sum at maturity, divide the sum to be sunk by the figures which stand against the number of years and the result will be the amount necessary.

For instance, to find the amount necessary each year, to sink three hundred thousand dollars (\$300,000) in thirty years, divide \$300,000 by 58.74218829.

\$1 for 1 year	=	1.04040000	\$1 each year for 19 years	=	28.90197165
\$1 in 2 years	=	1.08243216	\$1 in 20 years	=	2.20803964
\$1 each year for 2 years	=	2.12283216	\$1 each year for 20 years	=	31.11001129
\$1 in 3 years	=	1.12616241	\$1 in 21 years	=	2.29724444
\$1 each year for 3 years	=	3.24899457	\$1 each year for 21 years	=	33.40725573
\$1 in 4 years	=	1.17165938	\$1 in 22 years	=	2.39005311
\$1 each year for 4 years	=	4.42065395	\$1 each year for 22 years	=	35.79730884
\$1 in 5 years	=	1.21899441	\$1 in 23 years	=	2.48661126
\$1 each year for 5 years	=	5.63964836	\$1 each year for 23 years	=	38.28392010
\$1 in 6 years	=	1.26824179	\$1 in 24 years	=	2.58707035
\$1 each year for 6 years	=	6.90789015	\$1 each year for 24 years	=	40.87099045
\$1 in 7 years	=	1.31947875	\$1 in 25 years	=	2.69158799
\$1 each year for 7 years	=	8.22736890	\$1 each year for 25 years	=	43.56257844
\$1 in 8 years	=	1.37278570	\$1 in 26 years	=	2.80032815
\$1 each year for 8 years	=	9.60015460	\$1 each year for 26 years	=	46.36290659
\$1 in 9 years	=	1.42824624	\$1 in 27 years	=	2.91346140
\$1 each year for 9 years	=	11.02840084	\$1 each year for 27 years	=	49.27636799
\$1 in 10 years	=	1.48594738	\$1 in 28 years	=	3.03116524
\$1 each year for 10 years	=	12.51434822	\$1 each year for 28 years	=	52.30753323
\$1 in 11 years	=	1.54597966	\$1 in 29 years	=	3.15362432
\$1 each year for 11 years	=	14.06032788	\$1 each year for 29 years	=	55.46115755
\$1 in 12 years	=	1.60843724	\$1 in 30 years	=	3.28103074
\$1 each year for 12 years	=	15.66876512	\$1 each year for 30 years	=	58.74218829
\$1 in 13 years	=	1.67341810	\$1 in 31 years	=	3.41358438
\$1 each year for 13 years	=	17.34218322	\$1 each year for 31 years	=	62.15577267
\$1 in 14 years	=	1.74102419	\$1 in 32 years	=	3.55149318
\$1 each year for 14 years	=	19.08320741	\$1 each year for 32 years	=	65.70726585
\$1 in 15 years	=	1.81136157	\$1 in 33 years	=	3.69497350
\$1 each year for 15 years	=	20.89456898	\$1 each year for 33 years	=	69.40223935
\$1 in 16 years	=	1.88451057	\$1 in 34 years	=	3.84425042
\$1 each year for 16 years	=	22.77910955	\$1 each year for 34 years	=	73.24648977
\$1 in 17 years	=	1.96067601	\$1 in 35 years	=	3.99955813
\$1 each year for 17 years	=	24.73978556	\$1 each year for 35 years	=	77.24604790
\$1 in 18 years	=	2.03988732	\$1 in 36 years	=	4.16114027
\$1 each year for 18 years	=	26.77967288	\$1 each year for 36 years	=	81.40718817
\$1 in 19 years	=	2.12229877			
\$1 each year for 19 years	=	28.90197165			

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